

Exhibit 300: Capital Asset Summary

Part I: Summary Information And Justification (All Capital Assets)

Section A: Overview & Summary Information

Date Investment First Submitted: 2009-06-30
Date of Last Change to Activities: 2012-08-23
Investment Auto Submission Date: 2012-02-24
Date of Last Investment Detail Update: 2011-09-16
Date of Last Exhibit 300A Update: 2012-08-23
Date of Last Revision: 2012-08-23

Agency: 021 - Department of Transportation **Bureau:** 04 - Office of the Secretary

Investment Part Code: 02

Investment Category: 00 - Agency Investments

1. Name of this Investment: DOTXX070: DOT Common Operating Environment (DOT COE)

2. Unique Investment Identifier (Ull): 021-542850483

Section B: Investment Detail

- 1. Provide a brief summary of the investment, including a brief description of the related benefit to the mission delivery and management support areas, and the primary beneficiary(ies) of the investment. Include an explanation of any dependencies between this investment and other investments.**

DOT has been transforming its multiple IT infrastructures from independent operations through federated management into a shared service Common Operating Environment (COE) that services the department exclusive of FAA and OIG. The COE consists of end user support, telecommunication, network, server and cyber security operations. The COE supports DOT's strategic goals of Organizational Excellence, Security, and Preparedness & Response at a reduced cost by creating a centralized IT infrastructure to support DOT OAs and their business functions. This transformation is occurring in three phases. Phase one, already completed, established an active directory structure and a single network; and migrated all email, file, print and desktop services for the OAs at HQ. Phase two, about 89% complete, adds Departmental and OA field sites to the COE. Phase three, started at the beginning of FY10, will continue with O&M and the optimization of the consolidated environment. This phase aligns with OMB Federal Cloud Computing, IPv6 and Data Center Consolidation (FDCCI) initiatives. DOT has identified and is in the process of implementing Cloud First requirements, reduced the data centers and server closets across the Department, and developed an IPv6 Transition Plan to provide a smooth migration to the IPv6 protocol. Each year the COE provides scanning, patching, and service delivery as a part of its infrastructure services and completes a 20% refresh. FY13 will begin the next cycle of requirements determination for the next server operating system upgrade, and core

application upgrades.

2. How does this investment close in part or in whole any identified performance gap in support of the mission delivery and management support areas? Include an assessment of the program impact if this investment isn't fully funded.

The purpose of the COE is to provide an information technology infrastructure upon which all modes except FAA and OIG use to access business productivity tools, collaboration tools, and mission specific applications (if applicable). The COE supports the DOT strategic goals of Organizational Excellence, Security, and Preparedness & Response at a reduced cost by creating a centralized IT infrastructure to support DOT OAs and their business functions. Performance metrics include number of users brought into the COE and technology refreshes. Phase 3 of the COE development closes agency performance gaps by minimizing the overall IT footprint through the completion of consolidation of services in FY11 and the development and implementation of the field support model in FY12. This consolidation is improving the efficiency and service delivery in support of the DOT mission. The COE consolidation continues to improve energy efficiency goals by reducing the number of devices in combination with implementation of OMB Power Management requirements. DOT COE has implemented the Remedy platform as a part of phase 3 which has allowed more detailed tracking of previous and additional operational issues for an increased level of internal analysis as well as service to customers. Inadequate funding for this investment has technology impacts. Full funding is required for equipment refreshes (every 4-5 years depending on type of equipment – servers or desktops) and for technology upgrades (operating systems and applications).

3. Provide a list of this investment's accomplishments in the prior year (PY), including projects or useful components/project segments completed, new functionality added, or operational efficiency achieved.

(1) Stood up Remedy application, (2) Increased the field user base, (3) Decommission 1 Tier I-IV data centers and 6 server closets, (4) SCCM Upgrade, (5) Email Limits, (6) Rights Management Service, (7) Remedy 7.6 Upgrade, (8) Safeboot - Autoboot / Client Upgrade, (9) Storage Upgrade, (10) SharePoint 2010 Upgrade, (11) Remote Access / VDI (pilot).

4. Provide a list of planned accomplishments for current year (CY) and budget year (BY).

(1) Adding additional field users into COE environment, (2) Decommission 8 server closets, (3) ITSS Projects SharePoint Site, (4) SCCM "Top 20" Application Packaging, (5) Exchange 2010 Upgrade.

5. Provide the date of the Charter establishing the required Integrated Program Team (IPT) for this investment. An IPT must always include, but is not limited to: a qualified fully-dedicated IT program manager, a contract specialist, an information technology specialist, a security specialist and a business process owner before OMB will approve this program investment budget. IT Program Manager, Business Process Owner and Contract Specialist must be Government Employees.

2004-09-30

Section C: Summary of Funding (Budget Authority for Capital Assets)

1.

Table I.C.1 Summary of Funding

	PY-1 & Prior	PY 2011	CY 2012	BY 2013
Planning Costs:	\$0.0	\$0.1	\$0.1	\$0.1
DME (Excluding Planning) Costs:	\$0.0	\$9.6	\$14.4	\$14.7
DME (Including Planning) Govt. FTEs:	\$0.3	\$0.3	\$0.4	\$0.5
Sub-Total DME (Including Govt. FTE):	\$0.3	\$10.0	\$14.9	\$15.3
O & M Costs:	\$227.7	\$39.7	\$42.1	\$39.3
O & M Govt. FTEs:	\$4.1	\$2.3	\$2.9	\$3.7
Sub-Total O & M Costs (Including Govt. FTE):	\$231.8	\$42.0	\$45.0	\$43.0
Total Cost (Including Govt. FTE):	\$232.1	\$52.0	\$59.9	\$58.3
Total Govt. FTE costs:	\$4.4	\$2.6	\$3.3	\$4.2
# of FTE rep by costs:	24	14	14	14
Total change from prior year final President's Budget (\$)		\$0.0	\$0.0	
Total change from prior year final President's Budget (%)		0.00%	0.00%	

2. If the funding levels have changed from the FY 2012 President's Budget request for PY or CY, briefly explain those changes:

Overall funding for PY11 was reduced due a double counting of FTE costs.

Section D: Acquisition/Contract Strategy (All Capital Assets)

Table I.D.1 Contracts and Acquisition Strategy

Contract Type	EVM Required	Contracting Agency ID	Procurement Instrument Identifier (PIID)	Indefinite Delivery Vehicle (IDV) Reference ID	IDV Agency ID	Solicitation ID	Ultimate Contract Value (\$M)	Type	PBSA ?	Effective Date	Actual or Expected End Date
Awarded	6901	DTOS5909R00002	DTOS59-09-D-00467	6901							
Awarded	6901	DTOS59D1000008	DTOS59-09-D-00467	6901							
Awarded	6901	DTOS59D1000009	DTOS59-09-D-00467	6901							
Awarded	6901	DTOS59D1000012	DTOS59-09-D-00467	6901							
					Solicitation ID	Type of Contract/Task Order (Pricing)	PBSA	Effective date	Extent Completed	Short description of acquisition	
						Firm Fixed Price	N	2009-09-24	U	FY-10 TRANSIT BENEFIT PROGRAM FARE MEDIA	
Awarded	6901	DTOS59D1000006	DTOS59-09-D-00467	6901							
Awarded	6901	DTOS59D1200002	DTOS59-09-D-00467	6901							
Awarded	6901	DTOS59DO900001	DTOS5907D00467	6901							
Awarded	6901	DTOS59DO900002	DTOS5907D00468	6901							
Awarded	6901	DTOS59D1000005	DTOS5907D00469	6901							
Awarded	6901	DTOS59D1000002	DTOS5907D00467	6901							
Awarded	6901	DTOS59D1000004	DTOS5909D00467	6901							
Awarded	6901	DTOS5908C00408	DTOS5908C00408	6901							

Awarded	6901	2010Z002	DTOS5907A00 019	6901
Awarded	6901	DTOS59DO90 0001	DTOS5907D00 467	6901
Awarded	6901	DTOS59011000 01	DTOS5907D00 468	6901
Awarded	6901	DTOS5908C0 0416	DTOS5908C00 416	6901
Awarded	6901	DTOS5908C0 0415	DTOS5908C00 415	6901
Awarded	6901	DTOS5907C0 0403	DTOS5907C00 403	6901
Awarded	6901	DTOS5908C0 0415	DTOS5908C00 415	6901
Awarded	6901	Software License & Maintenance (various contracts)	various IDV	6901
Awarded	6901	Hardware Purchases & Maintenance (various contracts)	various IDV	6901
Awarded	6901	Telephony Equipment Services/Purch ases & Maintenance (various contracts)	various IDV	6901

2. If earned value is not required or will not be a contract requirement for any of the contracts or task orders above, explain why:

The primary contract for the steady state operation of the COE requires stringent financial tracking. Three of these contracts expire in FY 2012 and it is expected that EVM will be required in the replacement contracts.

Exhibit 300B: Performance Measurement Report

Section A: General Information

Date of Last Change to Activities: 2012-08-23

Section B: Project Execution Data

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
1	Remedy 7.6 Implementation	Standup Remedy 7.6 Application.			
2	Increase DOT COE user base	OA migrations into DOT COE.			
3	Federal Data Center Consolidation Initiative	FDCCI data center/server closet closures and reporting.			
4	SCCM Upgrade	SCCM "Top 20" Application Packaging.			
5	Email Limits	establish standard email limits for the COE in preparation for the Exchange 2010 upgrade.			
6	Rights Management Service	leverages Rights Management Services for Windows® Server and Client Software, RMS enabled applications or browsers, and the existing Active Directory service infrastructure to protect USDOT from the unauthorized use of digital information in the corporate environment.			
7	Safeboot Upgrade	Autoboot/Client Upgrade.			
8	Storage Upgrade	Avamar Upgrade required for Exchange 2010.			
9	SharePoint 2010 Upgrade	SharePoint 2010 Transition from			

Table II.B.1 Projects

Project ID	Project Name	Project Description	Project Start Date	Project Completion Date	Project Lifecycle Cost (\$M)
		2007.			
10	Remote Access	VDI Pilot.			
11	Exchange 2010	Exchange 2010 Private Cloud.			
12	IPv6	IPv4 to IPv6 transition.			
14	Unified Communications	Voicemail, email, telephony capabilities synchronization.			
15	Window 7	Operating System upgrade to Win 7 for COE users.			
16	MicroSoft Office Suite Upgrade	Upgrade of MS Office Suite 2007 to MS Office Suite 2010.			

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
1	Remedy 7.6 Implementation							
2	Increase DOT COE user base							
3	Federal Data Center Consolidation Initiative							
4	SCCM Upgrade							
5	Email Limits							
6	Rights Management Service							
7	Safeboot Upgrade							
8	Storage Upgrade							
9	SharePoint 2010 Upgrade							
10	Remote Access							

Activity Summary

Roll-up of Information Provided in Lowest Level Child Activities

Project ID	Name	Total Cost of Project Activities (\$M)	End Point Schedule Variance (in days)	End Point Schedule Variance (%)	Cost Variance (\$M)	Cost Variance (%)	Total Planned Cost (\$M)	Count of Activities
11	Exchange 2010							
12	IPv6							
14	Unified Communications							
15	Window 7							
16	MicroSoft Office Suite Upgrade							

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
1	Data Validation	Remedy Upgrade - Data Validation	2010-09-03		2011-03-15	66	-193	-292.42%
1	Test Documentation	Remedy Upgrade - Test Documentation	2010-09-13		2011-03-02	27	-170	-629.63%
5	Closeout	Apply email limits to final grouping and continue to monitor	2011-02-18		2011-02-18	7	0	0.00%
7	Release Tracking	Track the receipt of Autoboot and v5 client on COE laptops	2011-04-29		2011-04-29	35	0	0.00%
7	Closeout	Continue to monitor Safeboot issues	2011-05-07		2011-05-07	8	0	0.00%
10	Compile	Compile evaluation results	2011-08-15		2011-08-15	24	0	0.00%
11	Training	"train the trainer" for Help Desk personnel	2011-08-18		2011-08-18	1	0	0.00%
11	Test and Evaluate	ForeFront AV Test and Evaluation (install if approved)	2011-08-19		2011-08-19	81	0	0.00%
8	Testing	Complete Testing and Documentation	2011-08-22		2011-10-31	73	-70	-95.89%

Key Deliverables								
Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
9	IP Block	Setup IP Block	2011-08-25		2011-08-25	17	0	0.00%
9	Snapshots	Export VM server "snapshots" to external storage	2011-08-25		2011-08-25	17	0	0.00%
16	Licensing	Purchase of SW Assurance from MS which allows DOT COE to upgrade	2011-09-14		2011-09-14	1	0	0.00%
2	FMCSA COE Migration	FMCSA migration into DOT COE desktop environment	2011-09-30		2011-09-30	365	0	0.00%
10	Virtualization Data	Collect/add info regarding virtualized applications	2011-10-06		2011-10-06	1	0	0.00%
4	Package Applications	Package Applications	2011-11-15		2011-11-15	92	0	0.00%
14	Media Services	Purchase and standup backend unified communications infrastructure for media services	2011-11-15		2011-11-15	29	0	0.00%
15	Deployment	Deployment of Win 7 OS to first 5,000 COE users	2011-12-20		2011-12-20	329	0	0.00%
16	Deployment	Deployment of MS Office 2010 to COE users	2012-01-25	2012-09-28		380	-247	-65.00%
3	DOT FDCCI Plan	Updates to DOT FDCCI Plan to reflect 6/3-/2011 inventory updates	2012-01-30	2012-09-28		122	-242	-198.36%
3	DOT FDCCI Planned Closures	remaining Tier I-IV and remaining Tier V-VIII closures	2012-01-30	2012-09-28		122	-242	-198.36%
11	Final Migration	COE Migration	2012-02-15	2012-08-15		115	-198	-172.17%
12	Assessment	Perform IP4 and IP6 assessment, incorporating DOT's	2012-04-30		2012-04-30	273	0	0.00%

Key Deliverables

Project Name	Activity Name	Description	Planned Completion Date	Projected Completion Date	Actual Completion Date	Duration (in days)	Schedule Variance (in days)	Schedule Variance (%)
15	Deployment	deployment of DNS and IP Security Deployment of Win 7 OS to remaining 4,500 COE users	2012-05-31		2012-05-31	149	0	0.00%

Section C: Operational Data

Table II.C.1 Performance Metrics

Metric Description	Unit of Measure	FEA Performance Measurement Category Mapping	Measurement Condition	Baseline	Target for PY	Actual for PY	Target for CY	Reporting Frequency
Number of DOT COE users	Cumulative DOT COE users	Mission and Business Results - Management of Government Resources	Over target	0.000000	8700.000000	8906.000000	9500.000000	Semi-Annual
Cumulative number of data centers closed	number of data centers	Technology - Efficiency	Over target	0.000000	13.000000	11.000000	36.000000	Monthly
Scheduled DOT COE network downtime	Number of scheduled maintenance windows annually	Customer Results - Service Coverage	Under target	12.000000	12.000000	11.000000	12.000000	Semi-Annual
Service Desk Speed to Answer	percent of calls answered within 30 seconds	Process and Activities - Quality	Over target	90.000000	90.000000	90.000000	90.000000	Monthly
First Call Resolution	percent of calls recieved divided by calls resolve	Process and Activities - Quality	Over target	75.000000	75.000000	85.000000	75.000000	Monthly